1: Spier E-5 (1918) 1928
NT14 Plateau Yumans NT14
Havasupai

in 1897, less than 300[1]; 1899, 261[2]; 1902, 233; 1903, 237; 1905, 174; 1906, 166 (?); 1907, 172.

The generation rate, i.e., the interval in years between parent's and child's birth, may be of interest. This is calculated from a revision of the agency census roll.

Average difference in years between father and child: 33.7 yrs. (103 cases).
Average difference in years between mother and child: 28.2 yrs. (77 cases).
Average difference in years between parent and child: 31.4 yrs. (180 cases).

These Indians resemble the lower Colorado River tribes in general appearance, in build and physiognomy, more than the Navaho, Apache, and Zuñi. Hrdlička notes, however, that "they are physically identical with Apache." The stature of Walapai and Havasupai together is given by him as 166.4 cm. for men and 157.7 cm. for women.[4] There is a marked family resemblance within the group.[5] Their light complexions are noticeable; this has been remarked by Garcés, Cushing, and Stuart.[6]

Annual Cycle

A brief description of the yearly round of life will make the details of this sketch more coherent.[7] Early spring finds the Havasupai returning to the canyon from the plateau where they have spent the winter. By this time the snows have melted and they must descend to a water supply. The weather being still inclement some use is made of the caves or rock-shelters at the base of the cliffs while they repair the dirt covering of the houses in the fields below. Spring planting begins in the middle of April; meanwhile they live on corn taken from the little granaries in the cliffs and on mescal gathered from the red sandstone benches where it ripens in May.

Summer life is the fullest of the year. Everyone lives in the village, except for the few who are away trading Hopi and Navaho products with the Walapai or at Oraibi with buckskins of their own or Walapai manufacture. Morning finds the families in the fields; the heat of the afternoon (never excessive) is spent in the sweatlodge or at some favorite spot gambling and gossiping. Corn ripens throughout the summer, from

[1] *Reports of the Commissioner of Indian Affairs*, 1897, 191; 1897, 162; 1903, 320; 1905, I, 190; 1906, 178; 1907, 177.
[2] *Statistics of Indian Tribes*, 37.
[3] This figure is probably incorrect due to a deficiency in the number of women of child bearing years (see p. 2020). If too the mothers are presumably old women, as in that case, the figure is too high. In order to correct to observe the younger children of such women would more frequently appear among the older women than the older. (The longer the roster of the children's list the greater the chance of their to other [illegible, ed., 1].
[4] A peculiar configuration of the wheels of the ear is common.
[5] Cases, 241; Cushing, 840; Stuart, 418.
[6] See also Spier [illegible].

/98 cont./

101 water; vasú, blue; and apá, man; and was first applied to them by the Walapai and other Yuman tribes, who had been impressed by the peculiarly transparent blue of the stream flowing through Cataract Canon. By several neighboring tribes and by early writers the Havasupai were called Coconinos, or Cohoninos. This is undoubtedly a Hopi word, for the Hopi still call them Kotŧanina, which, they say, is from kóho, wood, and nina, kill, hence "Wood-killers," referring to the former Havasupai custom of breaking off limbs of trees for firewood with clubs. The name survives in that of Coconino county, Arizona.

[313]

133 and which makes life possible in the depths of the gorge, flows through the length of the little garden spot, then in a cataract leaps from the floor of the cañon to be caught in a pool below.

137 While the brink of the cañon lies in the high plateau region, the land of the piñon, cedar, and pine, the home of the Havasupai is in almost a subtropical spot that produces luxuriant

771 vegetation with fruits of several kinds. Ask a Havasupai whence came these fruits and vegetables, and he will tell you, "God brought them, all but the figs." This frank expression as to the origin of his garden products reflects a Havasupai peculiarity. Ordinarily Indians will not mention their gods by name, but the Havasupai discuss them with the same familiarity that they would their neighbors. With them, as indeed with all Indians, everything animate and inanimate is of divine origin.

773 197 Havasupai mythology differs but slightly from that of the parent stock, and the difference in language is dialectic only.

174 144 Notwithstanding the similarity in myth and language, the separation must have occurred at a very early date, for in their features the Havasupai bear little resemblance to the Yuma or the Mohave.

[142] They are below the average Indian in stature, while the Mohave and the Yuma are far above.

161 /99/ In 1903 the Havasupai numbered about 250, but in three years disease has diminished their population to 166. The